ATEN Technology, Inc.
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MasterView USB KVM Switch CS1708

The MasterView CS1708 and CS1716 KVM Switches are control units that allow access to multiple computers from a single console (keyboard, mouse, and monitor). A single MasterView can control up to eight (CS-1708) or 16 (CS-1716) computers. As many as 31 additional switches can be added in a daisy chain configuration, allowing up to 512 computers to be controlled from a single console. A seven-segment front panel LED displays each station's position for easy identification. An auto-sensing function recognizes the position of each station (switch) on the chain, eliminating the need to manually set the position with DIP switches. The CS-1708 and CS-1716 improve on previous models by providing USB ports for the console keyboard and mouse, and by transfering keyboard and mouse data to the computers via the faster, more reliable USB bus rather than the traditional PS/2 connection, and in providing Multimedia keyboard support. The CS-1708 and CS-1716 also utilize a custom ASIC (patent pending) for increased reliability and enhanced performance. By incorporating high density 15 pin CPU port connectors instead of the usual 25 pin connectors, a full, 16-port switch can be installed in a 1U system rack. Setup is fast and easy; simply plug cables into their appropriate ports. There is no software to configure, no installation routines, and no incompatibility problems. Since the CS-1708/CS-1716 intercepts keyboard input directly, it works on multiple operating platforms (PC compatible, Mac, Sun).

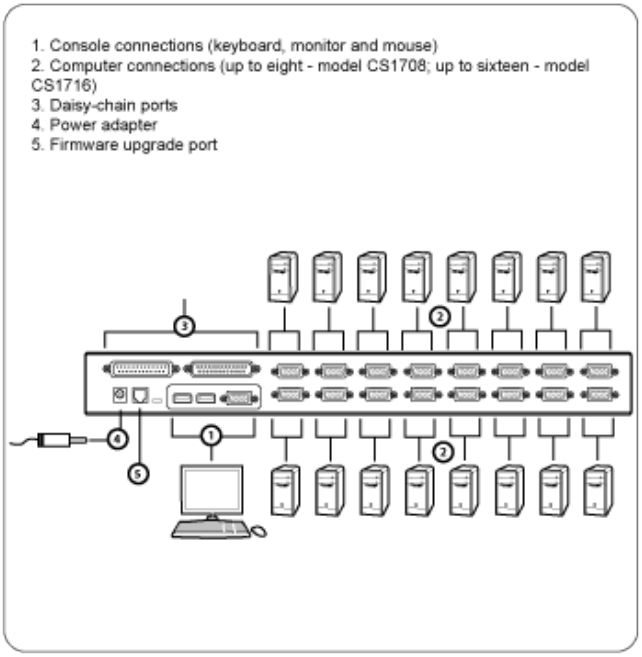
Distributor Part NO. : Contact Aten for part number @ 949.428.1111

Features:

- A single KVM console (USB Keyboard, Monitor, and USB Mouse) controls 8 computers - daisy chain up to 31 additional units - control up to 256 computers from a single console
- Easy installation - no software required
- Hot pluggable - add or remove computers for maintenance without powering down the switch - port names are automatically reconfigured when the station sequence is changed
- LED Display For Easy Status Monitoring
- Auto Scan feature for monitoring user-selected computers
- Convenient computer selection via Hotkeys and intuitive OSD menus
- OSD is mouse-drive for quick and efficient menu navigation - OSD port list automatically expands when stations are added - OSD Screen automatically adjusts to resolution changes
- OSD or hotkey selection of the OS and keyboard language
- Keyboard and mouse emulation - computers boot even when the console focus is elsewhere
- Supports Microsoft IntelliMouse and the scrolling wheel on most mice - Supports Logitech and Microsoft wireless keyboards and mice
- Multimedia keyboard support
- Administrator/User password authorization for enhanced security (PSP); administrator synchronized confirmation between master and slave stations
- Two types of logout - manual and timed
- Superior video quality - 2048 x 1536; DDC2B DDC emulation - video settings of each computer is automatically adjusted for optimum output to the monitor

- Upgradeable firmware - all switches upgraded at the same time via the dasiy chain bus
- Backward compatible with the Master View CS-1216A KVM switch series
- Compatible with multiple Operating platforms; PC , MAC, and SUN S
- upports: Windows 98 or higher; MAC OS 8.6 or higher, SUN Blade 2000/100 (Solaris 8); Linux Red Hat 7.1 or higher
- Rack Mountable in 19" system rack (1U)

Diagram :


1. Console connections (keyboard, monitor and mouse)
2. Computer connections (up to eight - model CS1708; up to sixteen - model CS1716)
3. Daisy-chain ports
4. Power adapter
5. Firmware upgrade port

Requirements:

CONSOLE

- A VGA, SVGA, or Multisync monitor capable of the highest resolution that you will be using on any computer in the installation
- A USB mouse
- A USB keyboard

COMPUTER The following equipment must be installed on each computer:

- A VGA, SVGA or Multisync card Type
- A USB port

Package Content:

- 1 x CS1708 KVM Switch
- 2 x USB 6 feet KVM Cables
- 1 x Firmware Upgrade Cable
- 1 x Power Adapter

- 1 x Rack Mount Kit
- 1 x User Manual
- 1 x Quick Start Guide

Specification :

Housing	
Case	Metal
Console Connectors	
Mouse	1 x USB Type A
Keyboard	1 x USB Type A
Monitor	1 x HDB-15 female
Flash ROM Upgrade	1 x RJ-11 socket
LEDs	
Power On	1 (Blue)
Selected	8 (Green)
On Line	8 (Orange)
Station ID	2 x 7 Segments
Port Selection	Hotkeys; OSD
Power Consumption	DC 5V, 5.5W
Scan Interval	User Specified; 1-255 secs (default 5 secs)
Computer Connections	
Direct	8
Operating Temperature	32F~122F (0C~50C)
Storage Temperature	-4F~140F (-20C~60C)
Humidity	0 - 80% RH
Daisy Chain	1 x DB-25 male; 1 x DB-25 female
CPU Connectors	
Keyboard, Mouse, and Monitor	8 x SPDB-15 female
Resolution	Up to 2048 x 1536
Power Adaptor Part #	
for North America	# 0AD8-0005-261G
for Continental Europe	# 0AD6-1005-261G
for UK	# 0AD4-3005-261G

Unit Dimensions	
Width	6.0 in. (15.4 cm)
Height	1.8 in. (4.5 cm)
Length	17.0 in. (43.2 cm)
Unit Package Dimensions	
Width	4.7 in. (11.8 cm)
Height	9.4 in. (23.5 cm)
Depth	21.9 in. (54.8 cm)
Master Carton	
Width	15.3 in. (38.3 cm)

Height	10.3 in. (25.8 cm)
Depth	22.7 in. (56.8 cm)
Master Carton Qty.	3
Weight	
Master Carton Wt.	28.6 lb. (13.0 kg)
Unit Pack Wt.	8.8 lb. (4.0 kg)